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8 October 1964

DIA Declassification/Release Instructions on File

MEMORANDUM FOR: Chief, Requirements Branch, Human Resources Group,
Collection Guidance Staff, DDI

SUBJECT: Comments on Revision of DIAM 58-6-1

REFERENCE: Memorandum from Chief, Requirements Guidance Division,
Collection Requirements Office, DIA, Same Subject,
16 September 1964 (C-3516/AQ-1)

1. The Geographic Research Area has examined the referenced memorandum and the recommended revisions for DIAM 58-6-1, "Mapping and Geodesy," that were attached.

2. We submit the following comments and recommendations for consideration.

a. The recommended changes to DIAM 58-6-1 appear to be desirable. Only DIA can judge whether the reprinting cost would be warranted.

b. There is no question of the desirability of including the SICR's in a regional arrangement so as to accommodate not only the USSR and Chicom units, but the ones on the European Satellites as well. Their importance is such that they should be treated as integral parts of the Guide, not as mere annexes.

c. If the SICR's are to be included, we suggest that the following changes be made in the one for the USSR (G-MG-07034):

(1) p. 4, 2d column, last para. ". . . Kronshtadt an island. . . ."

(2) p. 6, 2d column, in Note after 1st para. Add "and elevations" after "adjustment".

(3) p. 6, para. C,d,(1). The second statement is ambiguous and should be rewritten. If the items are required they cannot "constitute the basis of the bulk of the topographic maps of the USSR at AMS." We suggest that the sentence be reworded as follows: "Although many of the required items are outdated, their acquisition is vital since their control data constitute the basis of the bulk of topographic mapping of the USSR at AMS."

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O&I - Addressee

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(4) p. 7, para. C,d,(2). The paragraph should be revised to incorporate the following known information concerning the Soviet postwar triangulation catalog:

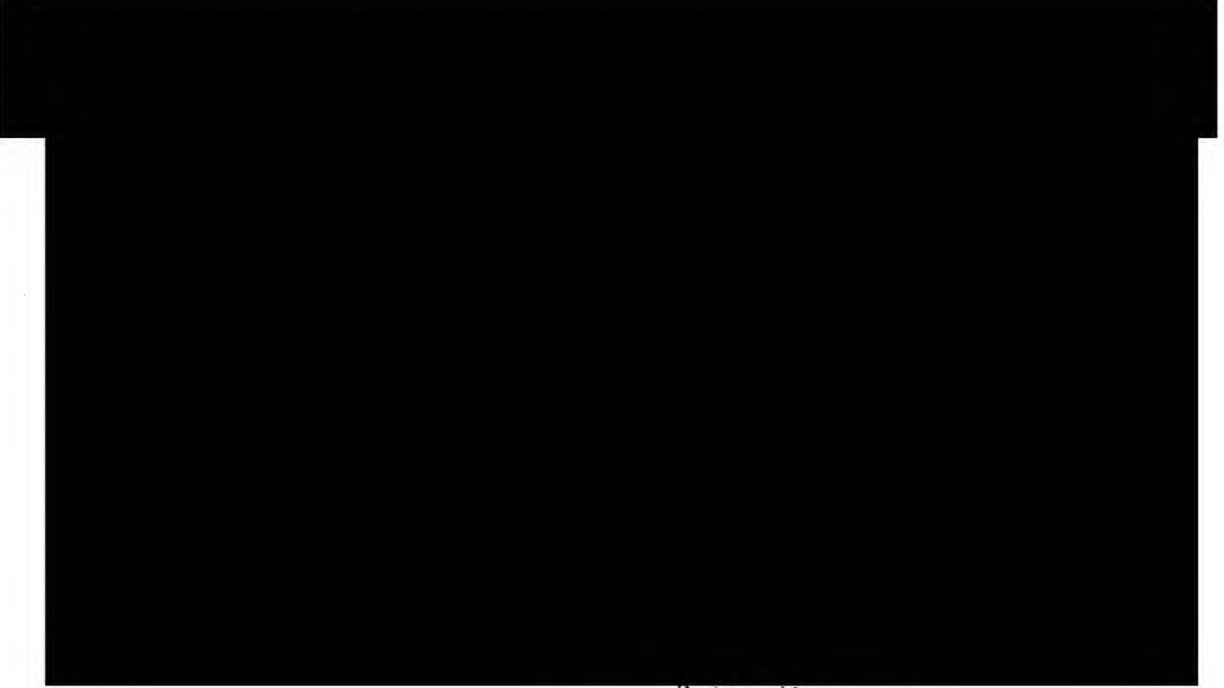
A Catalog of Points of the Astronomic-Geodetic Network of the USSR, in five volumes, was completed by the Central Computing Bureau (Tsentral'noye Vychislitel'noye Byuro), Chief Administration of Geodesy and Cartography (Glavnaya Upravleniye Geodezii i Kartografii (GUZhK)), in 1947. Each volume has four parts: rectangular coordinates, geographic coordinates, observed and reduced directions on the Krasovskiy reference-ellipsoid, and an alphabetical list with a description of first-order triangulation points. This Catalog provides the latest geodetic data on the first-order triangulation now current in the USSR.

(5) No mention is made of one known gravity catalog and the preparation of a later one. See p. 7 of the attached translation, Development and Current Status of Gravimetry in the USSR, L. V. Slobodin.

4. With regard to paragraph 3 of the referenced memorandum (C-3516/AQ-1), we think that the illustrations in the manual serve their purpose well and should be continued.

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(signed):

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S - GVO

T - D\GR

V - DACC

CST - Unspecified

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Chief, Geographic Research
Research and Reports

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As stated in para. 2,c,(5)

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ORIGINAL DOCUMENT MISSING PAGE(S):

Enclosure